

Comment on Permit #PAS2D702BALL, Penneco Environmental Solutions, Sedat 4A Underground Injection Well

Non-responsive based on revised scope.

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To: R3 UIC Mailbox <R3_UIC_Mailbox@epa.gov>

am opposed to the Sedat 4A injection well. The permit requested by Penneco Energy Solution (Permit number PAS2D702BALL) for the injection of hydraulic fracturing fluid waste into the Murrysville Formation in the Sedat 4A well in Plum Borough of Pennsylvania is a direct threat to public drinking water.

Penneco is already operating an injection well on this site. In July 2021 two of the five water wells near the site were contaminated in July 2021 when the 30-year-old injection well casing failed. Due to the lack of appropriate and detailed engineering review suggesting a leak detection zone, water contamination was identified in residents' wells.

Permitting the Sedat 4A injection well is in direct violation of U.S. Code of Federal Regulation 40 CFR 144, prohibits substantial endangerment of human health through the SDWA and establishes a framework for Underground Injection Control system. This framework requires consideration of a number of measures to ensure that injection will not endanger underground sources of drinking water. There is a lack of proper water testing and therefore no evidence disproving that the casing failure led to fracking fluid waste leakage into USDW.

Given Penneco's existing well on this site has already failed and this proposed 4A well is the same as the 3A well, a permit approval of Sedat 4A is a direct violation of the EPA's adherence to the SDWA by leaving the endangerment of human health to chance because of potential and probable casing failure.

A leak, spill, casing failure, or another accident on the site of the proposed Sedat 4A well has the potential to contaminate drinking water for the 90 neighborhoods of the City of Pittsburgh as well as the other nearby communities who get their drinking water from the Allegheny River. EPA must adhere to their own baseline by denying permit PAS2D702BALL for Sedat 4A and withdrawing the permit for the Sedat 3A fracturing waste injection well to Penneco Energy Solution.

As a resident of Allegheny County who gets my water from the Allegheny River, I urge you to deny this permit and protect my water and the water of the more than 300,000 people who get their water from the Pittsburgh Water and Sewer Authority.

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